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APPENDIX I.

TABLES RELATING TO CALIFORNIA BREADSTUFFS.

EXPLANATORY NOTE.

1. The table of Rainfall represents the precipitation at San Francisco, which is a fair average of the wheat-growing part of the state. Its direct connection with the abundance of the crop will be apparent at a glance: a scanty rain is followed by a meagre harvest. This connection would have been more apparent if I had shown the spring rains in a separate table. The yield per acre depends very directly on the moisture in the ground between February 1 and May 15.

2. The Population is taken from the State Census for 1862 and the United States Census for 1870, 1880 and 1890. The growth of the intervening years is estimated.

3. The Acreage follows in general the State Surveyor-General's reports down to 1878, after which these reports cease to give it. After that I have simply followed the best information I could get. I am satisfied the acreage is considerably over-stated.

4. The Estimated Crops. This table is made up as follows: To the exports were added the consumption for food, seed, feed, and distilling, together with the stock left over at the end of twelve months, and from this was deducted the sum of the stock brought over from the previous year and the imports of the year; the balance represents the crop.

The exports were obtained mainly by direct computation from contemporary newspapers. The consumption was estimated as follows: 390 pounds wheat was allowed to each individual of the population—330 pounds for bread, and 60 pounds for feed and wastage. In some years an extra allowance was made for distilling, where I knew such a margin was required. For seed I have allowed 75 pounds to every acre, as per table of acreage. This figure was assumed after careful examination. I have corresponded with a large number of experts, and found that there was a great difference in the practice of different districts, running all the way from 40 to 120 pounds of seed per acre. Heavy lands require more seed than light; the northern part of the state uses more than the south; and old land requires more than new. The average of my answers is a trifle under 75 pounds.

5. The Imports are gathered from the old commercial newspapers down to 1871; thence from the records of the Merchants' Exchange to 1882; and thence to the present time from the Produce Exchange Reports.

6. The "Stocks on Hand" are obtained from various sources. For the earlier years we have the account of stock in San Francisco warehouses taken each year by the dealers; while the amount stored outside of the city was not large prior to 1868 and could be ascertained with reasonable accuracy. From 1868 to the present time the Produce Exchange has taken an annual census of stock in the state. These figures I have adopted, except for the four years 1871, 1872, 1873, and 1874, where I could not obtain them, and was obliged to substitute estimates from other sources.

7. Prices prior to 1859 are taken from the old files of commercial newspapers; since 1859, mainly from the records in my own office. In Liverpool I have aimed at giving the price of Spot Wheat and not futures; in San Francisco the current price of No. 1 Shipping; in freights I have adopted the rate per ton of 2240 pounds for No. 1 iron ships, direct to Liverpool, not to Cork for orders.

8. Exports. The exports are made up from the contemporary newspapers down to 1866; thence to 1878 from Friedlander's Circulars; thence to the present time, from the Commercial News. In all these statistics it has been very difficult to ensure certainty, as the original authorities often disagree widely.

Prior to railroad building the state was practically isolated except by sea. Since then there has been a little import and export by rail, but the volume has been small. Of late years, however, it is important enough to require notice, and has been taken into account.

TABLE I.

RAINFALL (INCHES)		ACREAGE		ESTIMATED CROPS (CENTALS)	POPULATION
1849-50	33 10	1850	.....	.....	112 000
1850-51	7 40	1851	.....	.....	160 000
1851-52	18 44	1852	.....	163 058	224 435
1852-53	35 26	1853	.....	375 000	240 000
1853-54	23 87	1854	69 860	1 281 160	275 000
1854-55	23 68	1855	147 257	1 325 540	293 000
1855-56	21 66	1856	171 869	1 462 120	307 000
1856-57	19 88	1857	164 642	1 057 700	327 000
1857-58	21 81	1858	186 464	1 517 400	344 000
1858-59	22 22	1859	281 109	2 403 820	361 000
1859-60	22 27	1860	208 108	3 570 280	379 997
1860-61	19 72	1861	323 196	3 000 780	398 022
1861-62	49 27	1862	410 202	3 527 720	416 047
1862-63	13 62	1863	412 248	3 542 880	434 072
1863-64	10 08	1864	490 996	1 885 320	452 097
1864-65	24 73	1865	413 309	4 062 320	470 122
1865-66	22 93	1866	600 000	7 239 900	488 147
1866-67	34 92	1867	905 385	7 226 340	506 172
1867-68	38 84	1868	1 126 991	8 476 000	524 197
1868-69	21 35	1869	1 274 560	8 700 320	542 222
1869-70	19 31	1870	1 528 891	7 107 240	560 247
1870-71	14 10	1871	1 525 993	4 984 900	590 692
1871-72	34 71	1872	1 769 668	15 173 620	621 137
1872-73	18 02	1873	2 128 615	11 665 420	651 582
1873-74	23 98	1874	2 156 149	14 593 020	682 027
1874-75	18 40	1875	2 365 852	11 545 440	712 472
1875-76	26 01	1876	2 397 713	16 899 220	742 917
1876-77	10 00	1877	2 075 902	8 991 060	773 362
1877-78	31 12	1878	2 346 472	16 372 880	803 807
1878-79	24 56	1879	2 300 000	16 160 140	834 252
1879-80	26 38	1880	2 240 000	32 537 360	864 697
1880-81	29 86	1881	2 367 200	20 503 340	899 041
1881-82	16 14	1882	2 767 000	21 439 060	933 385
1882-83	20 12	1883	2 795 000	21 403 680	967 729
1883-84	32 38	1884	3 060 000	29 873 800	1 002 073
1884-85	18 10	1885	2 800 000	15 234 780	1 036 417
1885-86	33 05	1886	3 100 000	21 230 300	1 070 761
1886-87	19 04	1887	3 200 000	17 639 800	1 105 105
1887-88	16 74	1888	3 100 000	18 643 080	1 139 449
1888-89	23 86	1889	3 300 000	25 959 660	1 173 793
1889-90	45 84	1890	3 000 000	18 723 680	1 208 130
1890-91	17 58	1891	.....	21 752 700	1 262 525
1891-92	18 53	1892	.....	22 144 840	1 319 338
1892-93	21 75	1893	.....	20 938 880	1 378 708

TABLE II.

IMPORTS					STOCKS ON HAND	
YEAR	SOURCE	FLOUR (BBLs.)	WHEAT (CENTALS)	TOTAL WHEAT (CENTALS)	YEAR	TOTAL WHEAT (CENTALS)
1850	.....	299 346	.....	1898 038	.....	.....
1851	Foreign	280 036	.....	} 1957 108	.....	.....
	Eastern	39 000	.....		.....	.....
1852	.....	176 721	.....	2530 163	.....	.....
1853	.....	252 039	34 577	3790 694	.....	.....
1853-54 ³	.....	449 478	67 550	1 415 984	1854 July 13	471 000
1854-55 ³	.....	48 800	.....	146 400	1855 Aug. 1	490 000
1855-56 ³	.....	49 077	.....	147 231	1856 " 1	240 000
1856-57	Oregon	35 584	20 696	} 136 223	1857 July 31	300 000
	Eastern	2 925	.....		.....	.....
1857-58	Oregon	22 394	5 599	} 160 268	1858 " 1	30 721
	Eastern	21 723	.....		.....	.....
1858-59	Foreign	2 110	15 988	} 181 315	1859 " 1	124 491
	Oregon	170	95		.....	.....
	Eastern	56 684	.....	} 181 315	1860 " 1	300 000
	Foreign	.....	10 658		.....	.....
1859-60	Oregon	977	.....	} 20 616	1861 " 1	80 000
	Eastern	5 437	.....		.....	.....
	Foreign	.....	1 374	} 105 816	1862 " 1	120 000
1860-61	Oregon	33 935	3 957		.....	.....
	Eastern	18	.....	} 40 436	1863 " 1	220 000
1861-62	Oregon	9 473	11 717		1864 " 1	250 000
	Eastern	100	.....	} 120	1865 " 1	64 000
1862-63	"	40	.....		.....	.....
1863-64	Oregon	.....	651	651	1866 " 1	100 000
1864-65	"	14 372	46 292	} 358 001	1867 " 1	120 000
	Eastern	4 387	2 210		1868 " 1	93 600
	Foreign	75 440	26 902	} 65 571	1869 " 1	248 408
1865-66	Oregon	6 937	.....		1870 " 1	318 759
	Foreign	9 883	15 111	} 236 331	1871 " 1	400 000
1866-67	Oregon	74 703	12 222		1872 " 1	200 000
1867-68	"	140 900	121 300	544 000	1873 " 1	1 200 000
1868-69	"	110 000	45 000	375 000	1874 " 1	200 000
1869-70	"	122 136	67 271	433 679	1875 " 1	371 104
1870-71	"	180 558	43 194	584 868	1876 " 1	172 908
1871-72	"	118 311	241 713	596 648	1877 " 1	529 747
1872-73	"	88 185	43 862	308 417	1878 " 1	345 117
1873-74	"	130 735	406 103	798 308	1879 " 1	706 609
1874-75	"	66 066	25 586	223 783	1880 " 1	416 623
1875-76	"	60 562	218 298	399 983	1881 " 1	12 851 054
1876-77	"	85 611	102 938	359 771	1882 " 1	3 180 875
1877-78	"	91 061	538 771	811 953	1883 " 1	1 210 500
1878-79	"	96 273	291 683	580 505	1884 " 1	1 001 850
1879-80	"	110 910	323 117	655 947	1885 " 1	5 595 300
1880-81	"	90 260	166 614	437 397	1886 " 1	1 559 575
1881-82	"	56 311	393 289	562 225	1887 " 1	2 941 225
1882-83	"	68 303	154 550	359 459	1888 " 1	4 097 720
1883-84	"	144 940	232 204	667 025	1889 June 1	2 394 125
1884-85	"	97 390	410 863	703 033	1890 " 1	5 044 333
1885-86	"	98 660	1 339 877	1 635 858	1891 " 1	1 990 060
1886-87	"	65 526	1 000 406	1 196 984	1892 " 1	2 461 700
1887-88	"	108 737	1 183 727	1 509 938	1893 " 1	4 735 904
1888-89	"	103 265	831 107	1 140 904	1894 " 1	8 787 020
1889-90	"	81 546	573 595	818 233	.....	.....
1890-91	"	90 603	1 442 358	1 714 166	.....	.....
1891-92	"	118 663	1 293 718	1 649 708	.....	.....
1892-93	"	123 676	990 844	1 361 871	.....	.....
1893-94	"	168 994	1 161 174	1 668 158	.....	.....

¹ Calendar year.² Six months.³ Crop year.

TABLE III.

EXPORTS OF WHEAT AND FLOUR FROM CALIFORNIA, 1854-94.

YEAR	TO EUROPE			TO CHINA, JAPAN, EAST INDIES, AND CAPE TOWN		
	WHEAT (CENTALS)	FLOUR (BARRELS)	TOTAL WHEAT (CENTALS)	WHEAT (CENTALS)	FLOUR (BARRELS)	TOTAL WHEAT (CENTALS)
1854-55	4 752	7 415	26 997	1 482	2 140	7 902
1855-56	6 479	18 318	61 433	.....	5 622	16 866
1856-57	.....	.....	.....	.....	5 276	15 828
1857-58	.....	.....	.....	.....	2 481	7 443
1858-59	.....	.....	.....	.....	1 285	3 855
1859-60	.....	.....	.....	7 755	20 702	69 861
1860-61	1 075 105	105 178	1 390 639	44 040	30 330	135 030
1861-62	571 248	7 149	592 695	20 356	23 018	89 410
1862-63	762 765	14 569	806 472	151 442	52 299	308 339
1863-64	779 071	2 280	785 911	134 493	57 009	305 520
1864-65	.....	.....	.....	.....	31 156	93 468
1865-66	69 088	.....	69 088	275 892	100 428	577 176
1866-67	2 497 969	50 139	2 648 386	147 697	115 047	492 838
1867-68	3 321 000	48 938	3 467 814	23 170	80 445	264 505
1868-69	3 025 539	9 100	3 052 839	85 689	169 052	592 845
1869-70	4 732 787	21 197	4 796 378	49 686	198 822	646 152
1870-71	3 547 715	36 853	3 658 274	930	94 249	283 677
1871-72	1 386 039	9 866	1 415 637	845	173 225	520 520
1872-73	9 793 240	15 858	9 840 814	3 174	142 944	432 006
1873-74	7 241 798	449 371	8 589 911	.....	107 189	321 567
1874-75	8 669 454	194 456	9 252 822	24 167	177 177	555 698
1875-76	6 048 531	209 472	6 676 947	179	161 714	485 321
1876-77	10 422 401	250 747	11 174 642	10 471	161 576	495 199
1877-78	3 774 432	116 995	4 125 417	75 703	194 776	660 031
1878-79	9 817 081	118 331	10 172 074	31 984	257 020	803 044
1879-80	10 311 119	118 282	10 665 965	9 654	233 897	711 345
1880-81	13 347 301	257 199	14 118 898	1 072	248 102	745 378
1881-82	21 980 138	436 281	23 288 981	125 757	282 075	971 982
1882-83	14 432 304	643 858	16 363 878	126 694	288 792	993 070
1883-84	11 250 299	775 398	13 576 493	117	298 721	896 280
1884-85	15 662 103	708 340	17 787 123	78	411 042	1 233 204
1885-86	11 012 440	421 801	12 277 843	68 362	471 501	1 482 865
1886-87	11 800 066	284 069	12 652 273	56 827	348 416	1 102 075
1887-88	8 559 720	201 285	9 163 575	.....	408 965	1 226 895
1888-89	12 452 885	243 735	13 184 090	.....	331 662	994 986
1889-90	12 786 534	433 987	14 088 495	14	431 798	1 295 408
1890-91	13 361 543	390 239	14 532 260	438	173 172	519 954
1891-92	12 606 183	245 862	13 343 769	1	426 963	1 280 890
1892-93	10 281 522	351 047	11 334 663	6	523 515	1 570 551
1893-94	9 169 697	38 295	9 284 582	21	444 697	1 334 112

TABLE III (CONTINUED).

EXPORTS OF WHEAT AND FLOUR FROM CALIFORNIA, 1854-94.

YEAR	TO CENTRAL AMERICA AND MEXICO			TO ISLANDS IN THE PACIFIC		
	WHEAT (CENTALS)	FLOUR (BARRELS)	TOTAL WHEAT (CENTALS)	WHEAT (CENTALS)	FLOUR (BARRELS)	TOTAL WHEAT (CENTALS)
1854-55	.....	2 000	6 000	4 654	5 121	20 017
1855-56	.....	3 100½	9 301½	.....	2 955½	8 866½
1856-57	.....	667½	2 002½	.....	2 617	7 851
1857-58	.....	272	816	.....	1 357	4 071
1858-59	.....	810	2 430	7	856	2 575
1859-60	40	6 672	20 056	8 142	2 940	16 962
1860-61	.....	8 009	24 027	.....	3 558	10 674
1861-62	.....	8 753	26 259	1 597	2 960	10 477
1862-63	.....	15 476	46 428	9	2 198	6 603
1863-64	15	16 625	49 890	7 382	6 680	27 422
1864-65	629	20 182	61 175	390	3 621	11 253
1865-66	25	13 412	40 261	69	8 222	24 735
1866-67	130	25 849	77 677	221	8 430	25 511
1867-68	3	29 390	88 173	10	10 278	30 844
1868-69	117	48 401	145 320	489	11 521	35 052
1869-70	259	31 699	95 356	917	13 401	41 120
1870-71	2	40 760	122 282	988	12 970	39 898
1871-72	85	57 388	172 249	1 679	13 540	42 299
1872-73	167	49 698	149 261	1 239	13 651	42 192
1873-74	1 009	57 836	174 517	4 289	14 645	48 224
1874-75	5	69 829	209 492	366	16 439	49 683
1875-76	.....	28 272	84 816	475	15 585	47 230
1876-77	12	50 482	151 458	348	19 599	59 145
1877-78	10 297	83 528	260 881	453	18 863	57 042
1878-79	27 448	85 138	282 862	1 248	26 339	80 265
1879-80	21 354	91 899	297 051	1 396	24 087	73 657
1880-81	16 079	90 222	286 745	3 054	30 445	94 389
1881-82	12 211	73 682	233 257	3 215	10 798	35 609
1882-83	29 264	74 942	254 090	3 030	43 786	134 388
1883-84	25 764	80 642	267 690	4 727	49 233	152 426
1884-85	27 506	79 195	265 091	20 641	55 654	187 603
1885-86	12 299	94 916	297 047	7 058	55 011	172 091
1886-87	45 894	78 491	281 367	6 483	38 493	121 962
1887-88	13 724	119 095	371 009	6 569	55 977	174 515
1888-89	23 716	125 942	401 542	6 760	60 688	188 824
1889-90	28 283	145 882	465 929	8 035	60 751	190 288
1890-91	9 319	193 400	589 519	7 666	70 121	218 029
1891-92	21 853	198 747	618 094	8 930	69 307	216 851
1892-93	17 683	174 574	541 405	9 693	59 717	188 844
1893-94	12 994	191 848	588 538	8 093	66 939	208 910

TABLE III (CONTINUED).

EXPORTS OF WHEAT AND FLOUR FROM CALIFORNIA, 1854-94.

YEAR	TO BRITISH COLUMBIA, ALASKA AND SIBERIA			TO SOUTH AMERICA		
	WHEAT (CENTALS)	FLOUR (BARRELS)	TOTAL WHEAT (CENTALS)	WHEAT (CENTALS)	FLOUR (BARRELS)	TOTAL WHEAT (CENTALS)
1854-55	3 665	1 491	8 138	.....	650	1 950
1855-56	.....	4 330	12 990	1 000	21 466	65 398
1856-57	.....	595	1 785	.....	995	2 985
1857-58	.....	3 223	9 669	20	.....	20
1858-59	.....	15 540 $\frac{1}{2}$	46 639 $\frac{1}{2}$	.....	337 $\frac{1}{2}$	1 012 $\frac{1}{2}$
1859-60	2 899	22 009 $\frac{1}{2}$	68 927 $\frac{1}{2}$	28 143	905	30 858
1860-61	1 327	8 732	27 523	30 950	3 315	40 895
1861-62	2 121	23 149	71 568	8 682	1 278	12 516
1862-63	4 356	39 508	122 880	28 104	114	28 446
1863-64	4 616	31 157	98 087	200	145	635
1864-65	1 103	19 810	60 533	.....	.....	.....
1865-66	5 918	37 254	117 680	15 718	5 900	33 418
1866-67	3 775	15 573	50 494	.....	18 948	56 844
1867-68	1 219	7 027	22 300	11 904	64 515	205 449
1868-69	208	6 066	18 406	14 974	90 453	286 333
1869-70	605	3 615	11 450	.....	13 200	39 600
1870-71	15	1 892	5 601	.....	4 095	12 285
1871-72	858	9 170	28 368	.....	964	2 892
1872-73	521	7 512	23 057	.....	3 753	11 259
1873-74	108	7 265	21 903	6 067	2 460	13 447
1874-75	267	5 322	16 233	25 914	8 965	52 809
1875-76	.....	4 038	12 114	.....	12 306	36 918
1876-77	253	8 041	24 376	22 663	28	22 747
1877-78	312	6 990	21 282	77 460	17 711	130 593
1878-79	443	8 613	26 282	114 824	24 084	187 076
1879-80	84	8 193	24 663	183 305	17 591	236 078
1880-81	122	19 924	59 894	.....	16 161	48 483
1881-82	90	10 878	32 724	120	13 466	40 518
1882-83	1 299	10 342	32 325	2	18 900	56 702
1883-84	1 477	22 791	69 850	3	24 946	74 841
1884-85	477	21 523	65 046	2	23 428	70 286
1885-86	658	20 733	62 857	25	21 589	64 792
1886-87	96	16 587	49 857	49 893	28 565	135 588
1887-88	249	12 595	38 034	83 616	24 907	158 337
1888-89	215	15 033	45 314	187 596	31 377	281 727
1889-90	475	16 554	50 137	577 554	43 156	707 022
1890-91	382	11 221	34 045	232 168	63 389	422 335
1891-92	336	14 326	43 314	34 557	102 386	341 715
1892-93	98	13 860	41 678	.....	53 605	160 815
1893-94	551	22 434	67 853	52	35 237	105 763

TABLE III (CONTINUED).

EXPORTS OF WHEAT AND FLOUR FROM CALIFORNIA, 1854-94.

YEAR	TO AUSTRALIA AND NEW ZEALAND			TO EASTERN DOMESTIC PORTS		
	WHEAT (CENTALS)	FLOUR (BARRELS)	TOTAL WHEAT (CENTALS)	WHEAT (CENTALS)	FLOUR (BARRELS)	TOTAL WHEAT (CENTALS)
1854-55	19 874	25 747	97 115	39 660	2 277	46 491
1855-56	10 497	79 898	250 191	.....	.....	.....
1856-57	22 017	27 224	103 689	.....	.....	.....
1857-58	.....	.....	.....	.....	50	150
1858-59	.....	.....	.....	116	200	716
1859-60	266 711	5 345	282 746	66 696	.....	66 696
1860-61	239 943	37 622	352 809	138 559	30	138 649
1861-62	233 976	30 499	325 473	7 762	32	7 858
1862-63	71 721	12 103	108 030	.....	48	144
1863-64	79 924	31 252	173 680	.....	9	27
1864-65	22 989	15 225	68 664	.....	7	21
1865-66	671 289	84 618	925 143	6 827	32	6 923
1866-67	174 104	58 551	349 757	818 609	193 056	1 397 777
1867-68	25 309	37 081	136 552	390 387	148 483	835 836
1868-69	214 131	58 809	390 558	1 032 066	66 531	1 231 659
1869-70	47 274	69 370	255 384	33 062	2 802	41 468
1870-71	601	2 531	8 194	32 873	1 413	37 112
1871-72	48	2 751	8 301	14 801	25 494	91 283
1872-73	28 972	17 567	81 673	8 258	13 546	48 896
1873-74	22 400	1	22 403	13 607	35 931	121 400
1874-75	33 681	9 209	61 308	50 026	44 217	182 677
1875-76	70	500	1 570	64 440	71 626	279 318
1876-77	63 683	17 063	114 872	107 833	.....	107 833
1877-78	3 955	3 225	13 630	.....	270	810
1878-79	3 094	7 905	26 809	.....	10	30
1879-80	.....	.....	.....	.....	40	120
1880-81	139	.....	139	.....	.....	.....
1881-82	144 042	31 042	237 168	295 049	61 676	480 077
1882-83	2 429	14 049	44 576	7 597	10 970	40 507
1883-84	81	192	657	218	8 705	26 333
1884-85	.....	120	360	21 628	5 339	37 645
1885-86	174 923	1 640	179 843	64 564	9 504	93 076
1886-87	40 791	4 420	54 051	4 960	2 872	13 576
1887-88	3	383	1 152	14 886	.....	14 886
1888-89	337 481	36 795	447 866	.....	.....	.....
1889-90	94 964	16 212	143 600	.....	.....	.....
1890-91	.....	708	2 124	.....	.....	.....
1891-92	8 376	784	10 719	.....	.....	.....
1892-93	1 511	358	2 585	.....	.....	.....
1893-94	.....	.....	.....	.....	.....	.....

TABLE III (CONTINUED).

EXPORTS OF WHEAT AND FLOUR FROM CALIFORNIA, 1854-94.

YEAR	TOTAL EXPORTS		
	WHEAT (CENTALS)	FLOUR (BARRELS)	TOTAL WHEAT (CENTALS)
1854-55	74 087	46 841	214 610
1855-56	17 976	135 690	425 046
1856-57	22 017	37 374	134 139
1857-58	20	7 383	22 169
1858-59	123	19 035	57 228
1859-60	380 386	58 573	556 105
1860-61	1 529 924	196 774	2 120 246
1861-62	845 742	96 838	1 136 256
1862-63	1 018 397	136 315	1 427 342
1863-64	1 005 701	145 157	1 441 172
1864-65	25 111	90 001	295 114
1865-66	1 044 826	249 866	1 794 424
1866-67	3 642 505	485 593	5 099 284
1867-68	3 773 002	426 157	5 051 473
1868-69	4 373 213	459 933	5 753 012
1869-70	4 864 590	354 106	5 926 908
1870-71	3 583 124	*194 763	4 167 413
1871-72	1 404 355	292 398	2 281 549
1872-73	9 835 571	264 529	10 629 158
1873-74	7 289 278	674 698	9 313 372
1874-75	8 803 880	525 614	10 380 722
1875-76	6 113 695	503 513	7 624 234
1876-77	10 627 664	507 536	12 150 272
1877-78	3 942 612	442 358	5 269 686
1878-79	9 996 122	527 440	11 578 442
1879-80	10 526 912	493 949	12 008 759
1880-81	13 367 767	662 093	15 354 046
1881-82	22 560 622	919 898	25 320 316
1882-83	14 602 619	1 105 639	17 919 536
1883-84	11 282 670	1 260 628	15 064 554
1884-85	15 732 435	1 304 641	19 646 358
1885-86	11 340 329	1 096 695	14 630 414
1886-87	12 005 010	801 913	14 410 749
1887-88	8 678 767	823 212	11 148 403
1888-89	13 008 653	845 232	15 544 349
1889-90	13 495 859	1 148 340	16 940 879
1890-91	13 611 516	902 250	16 318 266
1891-92	12 680 227	1 058 375	15 855 352
1892-93	10 310 513	1 176 676	13 840 541
1893-94	9 191 408	799 450	11 589 758

TABLE IV.

PRICE OF NO. 1 CALIFORNIA WHEAT IN LIVERPOOL.
(SHILLINGS AND PENCE PER CWT.)

	1866-7 [†]	1867-68	1868-69	1869-70	1870-71	1871-72	1872-73
July.....	....	10 5	12 11	10 5	11 3	11 6	12 1
August.....	....	10 10	12 5	11	11	11 9	12 1
September...	....	13 7	12 11	11	10 2	12 6	13 1
October.....	....	15 9	12 7	10 6	10 7	13 1	13
November....	....	16 3	12 4	10	11 3	12 11	12 7
December....	....	15 4	12 2	9 9	11 6	12 8	12 6
January.....	10 10	15 11	11 9	9 5	11 10	12 8	12 7
February.....	10 6	15 10	11 2	9	11 11	12 5	12 2
March.....	11	15 11	10 5	9 4	11 11	11 11	11 10
April.....	11 11	16	9 3	9 2	12 3	12	11 8
May.....	11	15 3	9 5	9 8	12 3	12 10	12 1
June.....	10 9	13 11	9 11	10 7	11 11	12 9	12 1
	1873-74	1874-75	1875-76	1876-77	1877-78	1878-79	1879-80
July.....	11 11	11 9	10 4	9 7	12 7	10 2	9 3
August.....	12 2	10 9	11 4	9 5	12 3	10 3	9 2
September...	13	10 3	11	9 10	12 10	10 1	9 4
October.....	12 8	10	11 2	10 5	12 11	10	11 2
November....	13 1	9 9	10 11	10 9	12 10	9 9	11
December....	13 6	10 1	10 10	11 2	12 10	9 6	11 1
January.....	13 9	9 8	10 7	11	12 4	9 3	11
February.....	13	9 3	10 3	10 9	12 4	9 3	10 8
March.....	12 3	9 3	10 3	10 8	11 8	9 2	11 3
April.....	12 7	9 3	10	12	11 4	9 1	10 10
May.....	12 8	9	9 10	12 7	11 3	9 1	10 7
June.....	12 7	9	10 2	12 3	10 5	9 1	9 10
	1880-81	1881-82	1882-83	1883-84	1884-85	1885-86	1886-87
July.....	10 1	9 7	10	9	7 8	6 11	6 6
August.....	9 10	10 6	9 10	9 5	7 9	6 11	6 9
September...	9 5	11 1	9 6	9 3	7 1	6 11	6 10
October.....	9 10	11 6	9 2	9 2	7 1	7 2	6 8
November....	10 2	11 6	9 2	9	6 6	7 1	6 10
December....	9 11	10 8	9 1	8 10	6 9	7	7 5
January.....	9 8	10 9	9 2	8 5	7 2½	6 10	7 7
February.....	9 6	10 8	9 7	8 2	6 11	6 7	7 6
March.....	9 7	9 10	9 5	8	6 11	6 9	7 7
April.....	9 6	10 1	9 3	7 7	7 4	6 11	7 7
May.....	9 5	10	9 3	7 8	7 1	7 1	8
June.....	9 6	9 9	9 1	7 7	6 11	6 7	7 9
	1887-88	1888-89	1889-90	1890-91	1891-92	1892-93	1893-94
July.....	7 4	6 7	7	7 1	7 11	7	5 11
August.....	6 7	7 4	6 1 1	7 5	8 9	6 10	5 9
September...	6	7 11	6 1 1	7 3	8 9	6 4	5 9
October.....	6 2	8 2	7 4	7 4	8 8	6 8	5 8
November....	6 8	8 3	7 1	7 5	9	6 8	5 7
December....	6 9	7 10	7 2	7 5	8 9	6 4	5 5
January.....	6 9	7 7	7 3	7 7	8 4	6 4	5 3
February.....	6 7	7 7	7 1	7 9	8	6 3	5 1
March.....	6 7	7 6	7 1	8 3	8	6	5
April.....	6 7	7 1	7	8 8	7 5	5 11	5
May.....	6 8	6 9	7 1	8 7	7 5	6 1	5
June.....	6 6	6 7	6 1 1	8 4	7 2½	5 10	4 9

[†] There was no regular market until 1867.

TABLE V.
PRICE OF FLOUR AND WHEAT IN SAN FRANCISCO
(IN DOLLARS AND CENTS)

	1849-50		1850-51		1851-52	
	FLOUR		FLOUR		FLOUR	
	CHILI. Sks. 200 lbs.	AMERICAN. Bbls. 196 lbs.	CHILI. Sks. 200 lbs.	AMERICAN. Bbls. 196 lbs.	CHILI. Sks. 200 lbs.	AMERICAN. Bbls. 196 lbs.
July .....	.....	.....	15 00	14 00	10 00	11 00
Aug .....	.....	12 00	14 50	12 00	9 50	12 00
Sept .....	.....	.....	13 00	12 00	12 50	13 00
Oct	17 00	11 00	27 00	19 00	12 75	12 00
Nov	13 00	12 00	17 00	16 00	12 00	12 00
Dec	31 00	30 00	17 00	16 00	11 00	10 00
Jan	12 00	11 50	17 00	17 00	11 00	11 25
Feb	14 00	12 00	12 00	14 00	10 00	10 00
March	12 00	10 00	11 00	11 00	9 00	8 50
April	7 50	7 50	10 00	10 00	8 50	9 25
May	13 00	11 50	9 00	9 00	7 75	8 00
June	9 50	9 00	10 00	10 00	18 00	20 00

	1852-53			1853-54		1854-55	
	FLOUR		WHEAT	FLOUR	WHEAT	FLOUR	WHEAT
	CHILI. Sks. 200 lbs.	AMERICAN. Bbls. 196 lbs.	CALIFORNIA. Per Cental.	CALIFORNIA. Per 196 lbs.	CALIFORNIA. Per Cental.	CALIFORNIA. Per 196 lbs.	CALIFORNIA. Per Cental.
July...	19 00	20 00	.....	18 00	4 25-4 50	.....	3 25-2 50
Aug...	25 00	25 00	.....	19 00	4 50-3 00	9 00	2 50-1 75
Sept...	32 00	32 00	5 -6	10 50	3 00-3 75	7 50	1 75-1 50
Oct...	28 00	30 00	5 50-6	12 00	3 00-4 00	8 00	2 00-1 50
Nov...	41 00	42 00	6 -12	9 00	3 25-4 50	9 00	1 50-2 00
Dec...	30 00	31 00	9 -12	10 50	3 50-5 00	10 00	1 50-3 25
Jan...	30 00	22 00	11 -8	11 00	4 75-3 25	7 50	2 00-3 25
Feb...	10 00	10 00	8 -4 50	7 50	3 50-2 50	10 00	2 00-2 87
March.	12 00	11 50	4 -3	10 00	2 50-2 75	10 00	2 00-2 50
April...	10 50	10 00	3 -2 25	11 00	2 75-3 50	6 00	1 50-2 50
May...	9 50	10 25	2 25	8 50	3 50-3 00	.....	1 25-2 00
June...	12 00	13 00	2 50-3	9 00	3 00-3 25	6 00	1 25-1 75

	1855-56		1856-57		1857-58	
	FLOUR		FLOUR		FLOUR	
	CALIFORNIA. Per 196 lbs.	CALIFORNIA. Per Cental.	CALIFORNIA. Per 196 lbs.	CALIFORNIA. Per Cental.	CALIFORNIA. Per 196 lbs.	CALIFORNIA. Per Cental.
July	7 00	1 50-2 00	7 75	3 00-2 25	8 00	2 50-3 00
Aug	8 00	1 50-2 00	7 25	2 00-2 25	8 25	2 50-3 00
Sept	9 00	1 50-2 75	7 00	2 25-2 50	9 50	3 12-3 25
Oct	9 50	2 50-3 00	6 75	2 50-2 12	10 50	3 12-3 25
Nov	9 00	2 00-3 00	6 75	2 00-2 50	12 00	3 50-4 25
Dec	8 50	2 75-3 25	6 75	2 37-2 62	13 50	4 00-4 12
Jan	9 25	3 25-2 50	7 25	2 50-2 62	17 00	5 00-5 25
Feb	8 00	2 50-3 00	11 00	3 50-3 62	19 00	4 75-5 00
March	9 25	3 00-3 25	12 00	4 12-4 25	15 00	5 00
April	11 00	3 25-4 00	13 00	4 12-4 25	13 00	4 50-5 00
May	13 00	3 75-4 50	11 00	4 50-4 75	14 00	3 75-4 00
June	9 00	4 37-5 00	7 25	3 25-3 37	14 00	3 00-4 00

TABLE VI.

PRICE OF CALIFORNIA WHEAT AT SAN FRANCISCO.
(DOLLARS PER CENTAL.)

	1858-59	1859-60	1860-61	1861-62	1862-63	1863-64	1864-65	1865-66	1866-67
July ...	3 25	2 12½	1 35	1 52½	1 58	1 62½	3 10	2 07	1 55
August.	2 62	1 77½	1 25	1 35	1 62½	1 45	3 40	1 68	1 52½
Sept. ...	3 00	1 67½	1 23½	1 35	1 57½	1 37½	3 47½	1 85	1 41
October	2 75	1 55	1 25	1 70	1 52½	1 30	3 83	1 92½	1 60
Nov. ...	2 75	1 40	1 35	1 80	1 55	1 31¼	3 87½	1 97½	2 00
Dec. ...	2 62	1 55	1 52½	1 91	1 75	1 40	3 60	2 05	1 92½
January	2 62½	1 62½	1 45	2 25	1 78½	1 46¼	4 00	2 20	1 77½
Feb. ...	2 65	1 80	1 60	2 27½	1 77½	1 53¾	4 50	2 20	1 80
March..	2 86	1 88½	1 87½	2 30	1 72½	1 77½	5 08	2 05	2 00
April...	2 75	1 80	1 50	2 55	1 60	2 11¾	5 00	1 82½	2 15
May...	2 55	1 65	1 75	2 52½	1 62½	2 65	4 25	1 75	2 10
June...	2 15	1 55	1 82½	2 17½	1 67½	2 60	3 16¾	1 65	1 79
	1867-68	1868-69	1869-70	1870-71	1871-72	1872-73	1873-74	1874-75	1875-76
July ...	1 80	1 87½	1 78¾	1 92½	2 35	1 60	1 72½	1 70	2 12½
August.	1 82½	1 83½	1 72½	1 75	2 25	1 52½	1 95	1 60	2 30
Sept. ...	2 02½	1 84	1 56½	1 72½	2 65	1 62½	2 30	1 55	2 10
October	2 48	1 82½	1 50	1 97½	2 70	1 62½	2 25	1 52½	2 05
Nov. ...	2 65	1 82½	1 51	2 07½	2 60	1 65	2 30	1 55	1 97½
Dec....	2 55	1 85	1 58¾	2 16	2 50	2 00	2 32½	1 55	2 00
January	2 72½	1 78½	1 65	2 51	2 27½	2 05	2 27½	1 62½	1 95
Feb. ...	2 72½	1 78½	1 65	2 40	2 25	1 90	2 05	1 57½	1 92½
March..	2 62½	1 67½	1 62½	2 40	2 10	1 82½	1 97½	1 65	1 90
April...	2 50	1 60	1 57½	2 70	1 97½	1 85	1 95	1 75	1 85
May...	2 20	1 57½	1 87½	2 88	2 10	1 90	1 85	1 72½	1 70
June...	2 38	1 61¼	1 90	2 40	1 90	1 77½	1 80	1 75	1 62½
	1876-77	1877-78	1878-79	1879-80	1880-81	1881-82	1882-83	1883-84	1884-85
July ...	1 57½	2 25	1 65	1 70	1 50	1 42½	1 72½	1 57½	1 40
August.	1 52½	2 20	1 70	1 65	1 45	1 60	1 67½	1 70	1 32½
Sept. ...	1 55	2 35	1 70	1 72½	1 35	1 67½	1 65	1 72½	1 18
October	1 67½	2 35	1 67½	1 97½	1 47½	1 72½	1 70	1 70	1 25
Nov. ...	1 85	2 30	1 72½	2 02½	1 52½	1 74½	1 70	1 80	1 26¼
Dec. ...	2 11	2 35	1 72½	2 05	1 50	1 65	1 75	1 82½	1 27½
January	2 15	2 20	1 70	2 02½	1 40	1 70	1 82½	1 78½	1 30
Feb. ...	2 05	2 02½	1 67½	1 95	1 35	1 67½	1 90	1 65	1 26¼
March..	2 10	1 90	1 65	1 95	1 31	1 62½	1 95¾	1 60	1 30
April...	2 63	2 00	1 65	1 75	1 40	1 58	1 80	1 55	1 40
May...	2 75	1 95	1 62½	1 55	1 40	1 70	1 75	1 52½	1 42½
June...	2 30	1 72½	1 62½	1 47½	1 40	1 67½	1 65	1 47½	1 42½
	1885-86	1886-87	1887-88	1888-89	1889-90	1890-91	1891-92	1892-93	1893-94
July. ...	1 42½	1 25	1 85	1 36¼	1 30	1 35	1 53¾	1 37½	1 17½
August.	1 40	1 31	1 60	1 46¾	1 32½	1 38½	1 61¼	1 35	1 06¼
Sept. ...	1 42½	1 35	1 25	1 50	1 27½	1 35	1 65	1 30	1 05
October	1 50	1 35	1 27½	1 63½	1 31¼	1 32½	1 68¾	1 32½	1 03¾
Nov. ...	1 42½	1 37½	1 30	1 56¼	1 30	1 31¼	1 83½	1 30	1 02½
Dec. ...	1 37½	1 49	1 37½	1 45	1 27½	1 32½	1 77½	1 25	1 05
January	1 32½	1 55	1 35	1 40	1 27½	1 34	1 77½	1 31	1 02½
Feb. ...	1 27½	1 50	1 32½	1 42½	1 25	1 37½	1 66¼	1 27½	95
March..	1 30	1 55	1 28½	1 43	1 26¼	1 48¾	1 62½	1 25	92½
April...	1 35	1 72½	1 32½	1 37½	1 27½	1 61	1 52½	1 25	.....
May...	1 30	1 75	1 37½	1 31¼	1 30	1 72½	1 47½	1 28¾	.....
June...	1 21	1 91	1 32½	1 26¼	1 27½	1 66¼	1 40	1 23¾	.....

TABLE VII.

RATES OF FREIGHT—SAN FRANCISCO TO LIVERPOOL.
(SHILLINGS AND PENCE PER TON OF 2240 LBS.)

	1860-61	1861-62	1862-63	1863-64	1864-65	1865-66	1866-67	1867-68	1868-69
	s d	s d	s d	s d	s d	s d	s d	s d	s d
July . . .	85	.....	.....	49	.....	.....	60	57 6	65
August . . .	.....	50	49	57	.....	.....	60	67 6	66 6
Sept. . .	60	.....	51	57	.....	.....	60	62 6	64
October . . .	66	45	54	60	.....	.....	62	60	60
Nov. . .	67	45	51	56	.....	.....	60	66	57 6
Dec. . .	.....	39	.....	56	.....	.....	65	47 6	52 6
January . . .	54	.....	.....	55	.....	.....	67 6	50	52 6
Feb. . .	56	.....	49	56	.....	.....	72 6	47 6	52 6
March. . .	50	.....	49 [†]	65	47 6	45
April. . .	56	.....	49	.....	.....	.....	52 6	50	45
May. . .	40	.....	50	.....	.....	.....	50	57 6	47 6
June. . .	.....	.....	43	.....	.....	65	50	.....	50

	1869-70	1870-71	1871-72	1872-73	1873-74	1874-75	1875-76	1876-77	1877-78
	s d	s d	s d	s d	s d	s d	s d	s d	s d
July . . .	52 6	60	50	75	95	77 6	42 6	60	42 6
August . . .	62 6	57 6	40	77 6	77 6	67 6	45	57 6	45
Sept. . .	71 6	50	37 6	80	62 6	60	50	57 6	37 6
October . . .	64 6	47 6	40	85	65	55	50	60	37 6
Nov. . .	62 6	45	40	85	62 6	55	52 6	47 6	35
Dec. . .	50	45	45	80	75	60	50	42 6	32 6
January . . .	45	40	55	80	80	55	45	40	37 6
Feb. . .	45	40	50	82 6	81	47 6	42 6	42 6	50
March. . .	42 6	42 6	52 6	80	75	42 6	45	40	49
April. . .	42 6	42 6	53 6	77 6	70	40	50	42 6	47
May. . .	45	.....	65	78 6	72 6	42 6	55 6	45	48
June. . .	57 6	.....	77 6	90	77 6	47 6	66	42 6	50

	1878-79	1879-80	1880-81	1881-82	1882-83	1883-84	1884-85	1885-86
	s d	s d	s d	s d	s d	s d	s d	s d
July . . .	48	42 6	57 6	77 6	55	52 6	32 6	32
August . . .	49	47 6	58	80	52 6	55	35	30
September . . .	40	46 6	66	82 6	46 3	45	37 6	27 6
October . . .	37 6	62 6	72	77 6	42 6	40	35	29 6
November . . .	35	61 6	72 6	70	42 6	32 6	31 3	28 3
December . . .	32 6	59 6	70	69	37 6	25	27 6	26 9
January . . .	32 6	57 6	71	67 6	35	22 6	37 6	26 3
February . . .	39	47 6	65	65	40	27 6	35	28
March . . .	45 6	40	75	57 6	40	30	33 9	30 3
April . . .	47 6	39 6	77 6	60	41	27 6	32 6	30 3
May . . .	45	52 6	75	55	42 6	32 6	32 6	29 6
June . . .	45	55	72 6	50	50	32 6	32	31 3

	1886-87	1887-88	1888-89	1889-90	1890-91	1891-92	1892-93	1893-94
	s d	s d	s d	s d	s d	s d	s d	s d
July . . .	31 9	25	23 9	31 3	37 6	42 6	22 6	22 9
August . . .	28 9	26 3	32 6	33	41 9	45	22 6	27 6
September . . .	28	28	36 9	32 6	41 3	46 6	20	31 3
October . . .	26 6	26	36 9	33	37 6	35	21 3	30 6
November . . .	26	25 6	35 6	33 9	40	30	21 3	25
December . . .	27 6	24 6	36 3	32 6	40	25	18 9	22 9
January . . .	27 6	22 6	38 9	32 6	38 6	17 6	19 6	22 6
February . . .	26 3	21 9	36 3	32 6	35	17 6	20	23 3
March . . .	21 3	20 6	30 6	33 9	37 6	16 6	16 3	25
April . . .	20	22 6	25 6	32 6	38 9	17 6	15	24 6
May . . .	21 3	21 3	27 6	35	37 6	20	17 6	23 9
June . . .	21 3	21 3	30	36 6	38 9	22 6	17 6	25

[†] March, 1864-May, 1866, there were no exports, on account of high prices in San Francisco.